

**WHAT IS CLAIMED:**

1           1.    A motor, comprising:  
2                a stator having stator poles configured to produce  
3   electromagnetic flux when electrically energized;  
4                a conduit positioned between the stator poles; and  
5                a rotor positioned within the conduit and having  
6   rotor poles and rotatable in response to the electromagnetic  
7   flux, the poles having laminations sufficiently skewed for  
8   pumping fluid through the conduit during rotation.

1           2.    The motor of claim 1, wherein the conduit  
2   comprises a tube.

1           3.    The motor of claim 2, wherein the tube is  
2   affixed to the stator poles.

1           4.    The motor of claim 3, wherein the outer  
2   circumference of the tube includes interlocks.

1           5.    The motor of claim 2, wherein the tube is  
2   formed from plastic.

1           6.    The motor of claim 2, wherein the tube is  
2   formed from metal.

1           7.    The motor of claim 2, wherein the tube is  
2   non-magnetic.

1           8.    The motor of claim 1, wherein the conduit  
2   comprises a packed stator.

1           9.    The motor of claim 1, wherein the conduit is  
2   formed by a configuration of the stator.

1           10. The motor of claim 1, wherein the rotor  
2 includes a coating.

1           11. The motor of claim 1, wherein the motor  
2 comprises a switched reluctance motor.

1           12. The motor of claim 1, wherein the motor  
2 comprises an induction motor.

1           13. The motor of claim 1, wherein the motor  
2 comprises a permanent magnet synchronous motor.

1           14. The motor of claim 1, wherein the motor  
2 comprises a salient pole synchronous motor.

1           15. The motor of claim 1, wherein the motor  
2 comprises a DC motor.

1           16. The motor of claim 1, wherein the conduit  
2 provides a substantially air-tight seal for the fluid to  
3 flow along the rotor.

1           17. A motor having skewed rotor laminations for  
2 pumping fluid, the motor comprising:

3           a fixed stator having stator poles;

4           a rotatable rotor having sufficiently skewed  
5 laminations to move fluid when rotated; and

6           a conduit positioned between the stator and the  
7 rotor for substantially directing the moved fluid.

1           18. The motor of claim 20, wherein the conduit  
2 comprises a tube affixed to the stator.

1           19. A method for pumping fluid, the method  
2 comprising:  
3           providing a motor having a stator and a laminated  
4 rotor rotatable relative to the stator;  
5           skewing the rotor laminations sufficiently to pump  
6 fluid through the motor when the rotor rotates;  
7           rotating the rotor to pump the fluid; and  
8           confining the fluid around the rotor as the fluid  
9 is pumped.

1           20. The method of claim 19, further comprising  
2 confining the fluid with a conduit that produces a  
3 substantially air-tight seal as the fluid flows around the  
4 rotor and collecting reliable flow data on the pumped fluid.